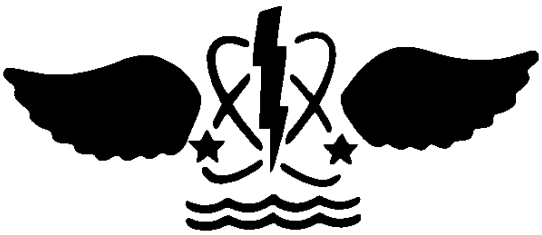
CHAPTER 12



NAVAL AIRCREWMEN
(AW)

NAVPERS 18068-12G
CH-62

Updated: April 2015

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

NAVAL AIRCREWMEN (OPERATOR) (AWO)

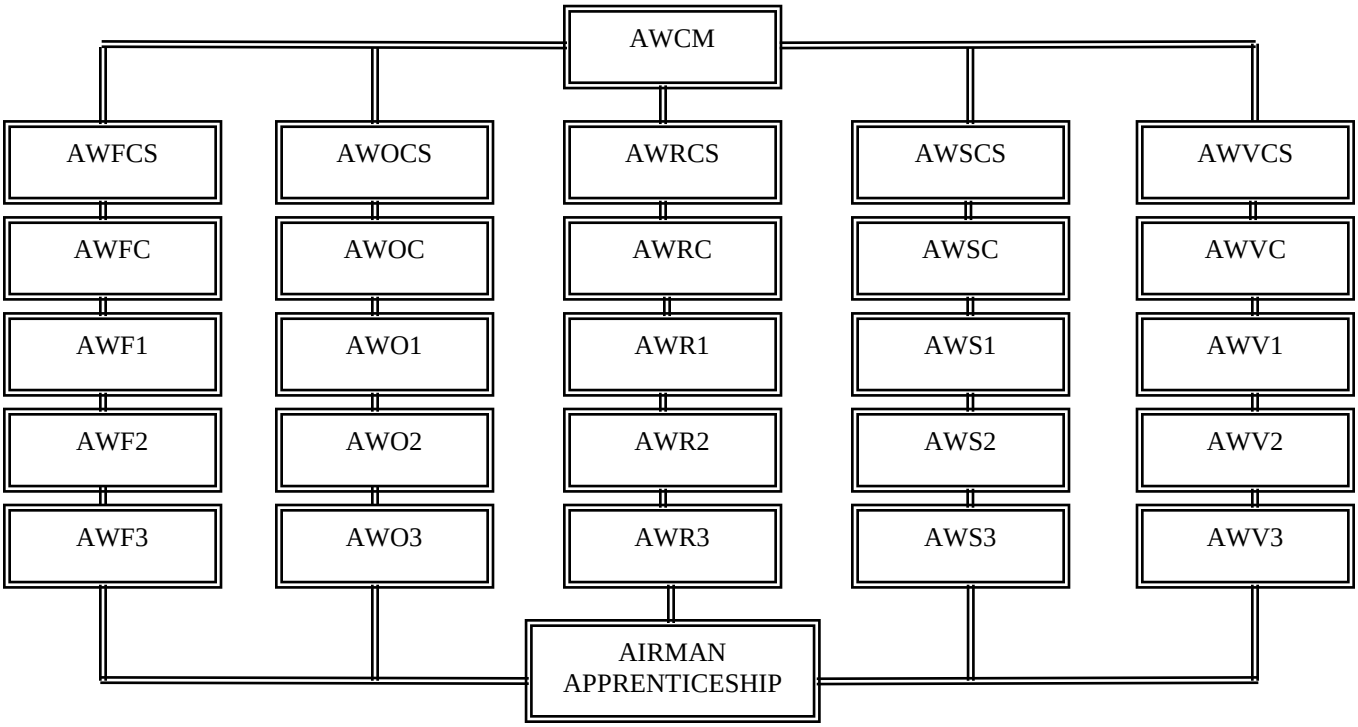
SCOPE OF RATING

Naval Aircrewmen (Operator) (AWO) produce intelligence products for aircrews in support of operations and tactical missions worldwide; detect, analyze, classify, and track surface and subsurface contacts; operate advanced tactical systems utilizing sonobouys, radar, Electronic Support Measures (ESM), Magnetic Anomaly Detector (MAD), Identification Friend or Foe/Selective Identification Feature (IFF/SIF), and Electro-Optic and Infrared (EO/IR) detector; perform aircrew duties that support mission planning, classified material handling, and training; and handle ordnance, inspect tactical work station equipment, and operate mission equipment such as: advanced imaging multi-spectral sensors, radar for safety of flight, and hand-held cameras.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 12.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title **Job Code**

Acoustic Systems Specialist 002544

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	ACOUSTIC SYSTEMS SPECIALIST	NAC ACOUS SPEC

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWO	NECs 0342, 0450, 0507, and 7821 thru 7841

Job Description

Acoustic Systems Specialists are members of an integrated tactical crew aboard maritime patrol aircraft; detect, analyze, classify, and track surface and subsurface contacts utilizing state of the art acoustic technology; operate advanced tactical systems utilizing sonobouys, sonobouy information, and imagery devices; perform aircrew duties that support mission planning, acoustic classified material handling, and training contributing directly to an aircraft squadron's ability to conduct tactical operations worldwide; perform aircrew duties that contribute directly to aircrew operations, training and administration for the purposes of attaining and maintaining the squadron's aircrew qualifications and certifications; handle ordnance; train in acoustic intelligence and analysis; and are knowledgeable with security protocols.

DoD Relationship		O*NET Relationship		
Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Sonar Operator, General	121000	Radar and Sonar Technicians	55-3017.00	Military Specific

Skills	Abilities
Operation and Control	*Deductive Reasoning*
Critical Thinking	*Written Expression*
Coordination	*Memorization*
Complex Problem Solving	*Information Ordering*
Active Listening	*Inductive Reasoning*
Judgment and Decision Making	*Mathematical Reasoning*
Speaking	*Written Comprehension*
Writing	*Oral Expression*
Science	*Selective Attention*
Learning Strategies	*Visualization*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Implement aircrew course curriculum changes
E4	CORE	Maintain aircrew flight databases
E5	CORE	Maintain tactical publication library
E6	CORE	Prepare flight hour reports
E4	CORE	Prepare flight schedules
E4	CORE	Update flight time log books
E4	CORE	Verify individual flight time summaries

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Analyze threat data
E4	CORE	Classify visual contacts
E4	CORE	Communicate using visual signals
E4	CORE	Conduct aircraft fueling operations
E4	CORE	Conduct Battle Hit Assessments (BHA)
E4	CORE	Conduct ground bomb bay door operations
E4	CORE	Conduct passenger safety briefs

E4	CORE	Conduct pre-flight checks
E4	CORE	Conduct visual searches
E4	CORE	Configure aircraft equipment for rescue missions
E4	CORE	Configure aircraft for internal cargo operations
E4	CORE	Identify pyrotechnic communications
E4	CORE	Inspect small arms
E4	CORE	Inspect survival equipment
E4	CORE	Monitor engine start ups
E4	CORE	Monitor weapons employment
E4	CORE	Operate communications equipment
E4	CORE	Perform aerial hand-held photography
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft integrity inspections
E4	CORE	Perform aircraft post-flight duties
E4	CORE	Perform Auxiliary Power Unit (APU) operations
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR) and first aid
E4	CORE	Perform drug interdiction searches
E4	CORE	Perform in-flight observer duties
E4	CORE	Perform Intercommunication Systems (ICS) communications
E4	CORE	Perform mission planning
E4	CORE	Perform Search And Rescue (SAR) procedures
E4	NON-CORE	Prepare aircraft for static displays
E4	CORE	Prepare aircrew mission briefs
E4	CORE	Prepare mission summary logs
E4	CORE	Review aircraft records
E4	CORE	Safeguard classified materials
E4	CORE	Troubleshoot tactical systems

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	NON-CORE	Analyze emerging technology to meet fleet training requirements
E6	NON-CORE	Conduct fleet acquisition program briefs
E5	NON-CORE	Conduct land survival training
E5	NON-CORE	Conduct tactical flight and ground training
E6	NON-CORE	Coordinate weapons system designs with contract engineers
E5	NON-CORE	Develop tactical exams
E5	NON-CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical Weapons System Trainer (WST) scenarios
E5	NON-CORE	Evaluate aircrew training programs
E5	NON-CORE	Evaluate tactical equipment programs
E7	NON-CORE	Manage Aircrew Combat Training Continuum (ACTC)

E5	CORE	Manage aircrew training materials
E5	CORE	Manage Crew Resource Management (CRM) program
E5	CORE	Manage Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E7	NON-CORE	Manage tactics evaluation programs
E5	CORE	Operate Weapons Systems Trainer (WST)
E5	NON-CORE	Perform individual and crew tactical evaluations
E4	CORE	Prepare monthly training and operation reports

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Interpret naval messages
E4	CORE	Perform on-station mission turnovers/swap procedures
E4	CORE	Report contacts
E4	CORE	Review card of the day
E4	CORE	Translate brevity codes

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Determine sensor effectiveness in given environmental conditions
E4	CORE	Perform environmental calculations
E4	CORE	Perform on-station environmental updates

OPERATIONS AND LOGISTICS MANAGEMENT

Paygrade	Task Type	Task Statements
E4	CORE	Conduct logistical operations
E6	CORE	Coordinate airlift support
E4	CORE	Maintain squadron navigational publications
E6	CORE	Manage flight operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E6	NON-CORE	Prepare country clearance requests

ORDNANCE/STORES

Paygrade	Task Type	Task Statements
E4	CORE	Conduct sonobouy drops
E4	CORE	Deploy ordnance
E4	CORE	Inspect ordnance
E4	CORE	Load aircraft ordnance and weapons
E6	CORE	Manage ordnance inventories
E6	CORE	Track ordnance expenditures

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze mission tactical plots during on-station period
E4	CORE	Analyze passive, active, and multi-static acoustic contact data
E4	CORE	Classify Electro-Optics and Infrared (EO/IR) contact information
E4	CORE	Classify passive, active, and multi-static acoustic contact data
E4	CORE	Conduct Electro-Optical and Infrared (EO/IR) surveillance
E4	CORE	Conduct multi-static searches
E4	CORE	Conduct passive acoustic searches
E4	CORE	Determine active sonobouy localization and track depths
E4	CORE	Determine non-target data
E4	CORE	Identify sonobouy aural cues
E4	CORE	Operate acoustic mission equipment
E4	CORE	Optimize sensor effectiveness
E4	CORE	Perform in-flight imagery analysis
E4	CORE	Perform in-flight mission equipment operational checks
E4	CORE	Track Target of Interest (TOI)
E4	CORE	Verify attack criteria for recommended weapons release

TACTICAL OPERATIONS CENTER (TOC)/MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

Paygrade	Task Type	Task Statements
E4	CORE	Monitor radio communications
E5	CORE	Prepare tactical lessons learned

TARGET MOTION ANALYSIS AND TACTICAL CALCULATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate active and passive ranges
E4	CORE	Calculate Figure Of Merit (FOM)
E4	CORE	Calculate predicted transmission path ranges
E4	CORE	Define Area Of Probability (AOP)
E4	CORE	Determine Target Of Interest (TOI) datum
E4	CORE	Identify contact's Closest Point of Approach (CPA)
E4	CORE	Perform Target Motion Analysis (TMA) calculations

Job Title **Job Code**

Tactical Aircrew Watch Officer 002554

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	TACTICAL AIRCREW WATCH OFFICER	NAC TAC WO-AWO

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWO	NEC 7836

Job Description

Tactical Aircrew Watch Officers are members of an integrated, tactical and logistics worldwide intelligence network at Tactical Centers, Tactical Operations Center (TOC) and with Mobile Tactical Operations Centers (MTOCs); coordinate divisions administrative functions; manage resources; lead the personnel of the TOC/MTOC in preparing aircrews and operational commands for tactical missions; coordinate logistics for safety of flight, communication (Ultra High Frequency/High Frequency (UHF/HF) radios, data-link, satellite), and post mission analysis and reconstruction; coordinate the dissemination of environmental data (oceanographic, electromagnetic propagation, and weather), target analysis, and the replay of mission data; monitor and train personnel in managing and maintaining operations and tactical flight intelligence databases; monitor and authorize the transmission of tasking and mission summary messages delineating tactical missions; process requests for tactical mission qualification packets; trained and have experience in TOC, MTOC, and air-wing operations; have a thorough knowledge of acoustic and/or electronic intelligence and analysis, message formatting, and the tactical employment of sensors; and are familiar with security protocols and classified handling procedures.

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
First-Line Supervisors of Air Crew Members	55-2011.00	Military Specific

Skills	Abilities
Critical Thinking	*Information Ordering*
Complex Problem Solving	*Oral Comprehension*
Coordination	*Written Comprehension*
Active Listening	*Memorization*
Operation and Control	*Written Expression*
Reading Comprehension	*Deductive Reasoning*
Writing	*Oral Expression*
Speaking	*Visualization*
Management of Material Resources	*Finger Dexterity*
Mathematics	*Fluency of Ideas*

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Analyze threat data
E4	CORE	Inspect small arms
E4	CORE	Operate communications equipment
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR) and first aid
E4	CORE	Perform mission planning
E4	CORE	Prepare aircrew mission briefs
E4	CORE	Prepare mission summary logs
E4	CORE	Safeguard classified materials
E5	CORE	Update mission summary logs

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E5	NON-CORE	Coordinate warfare training exercises

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Interpret naval messages
E4	CORE	Report contacts
E4	CORE	Review card of the day
E4	CORE	Translate brevity codes

OPERATIONS AND LOGISTICS MANAGEMENT

Paygrade	Task Type	Task Statements
E7	CORE	Conduct detachment site surveys
E7	CORE	Coordinate aircraft assignments with maintenance control
E6	CORE	Coordinate airlift support

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze radar contact data

TACTICAL OPERATIONS CENTER (TOC)/MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

Paygrade	Task Type	Task Statements
E5	CORE	Conduct mission briefs and debriefs
E5	CORE	Conduct watch team positional training
E7	CORE	Construct search patterns
E7	NON-CORE	Coordinate Naval Special Warfare (NSW) operations
E7	CORE	Coordinate Operating Area (OPAREA) schedules with external agencies
E7	CORE	Coordinate Search And Rescue (SAR) missions
E6	CORE	Coordinate tactical exercises and missions
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage mission systems
E4	CORE	Monitor radio communications
E5	CORE	Organize Search And Rescue (SAR) and Combat Search And Rescue (CSAR) operations
E7	CORE	Perform Operational Reporting (OPREP) procedures
E7	CORE	Perform overdue aircraft procedures
E5	CORE	Perform Secure Internet Protocol Router Network (SIPRNET) chat operations
E5	CORE	Prepare tactical lessons learned
E7	CORE	Release post mission data in naval messages
E7	CORE	Verify hot areas and air space restrictions

TARGET MOTION ANALYSIS AND TACTICAL CALCULATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Define Area Of Probability (AOP)
E4	CORE	Determine Target Of Interest (TOI) datum

Job Title **Job Code**

Electronic Systems Specialist 002571

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	ELECTRONIC SYSTEMS SPECIALIST	NAC ELX S SPEC

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWO	7861

Job Description

Electronic Systems Specialists are members of an integrated tactical crew aboard maritime patrol aircraft; detect, analyze, classify, and track surface and subsurface contacts electronically; operate electronic warfare systems in support of operations and tactical missions worldwide, such as: radar, Electronic Support Measures (ESM), Magnetic Anomaly Detector (MAD), Identification Friend or Foe/Selective Identification Feature (IFF/SIF), and Electro-Optic and Infrared (EO/IR) detectors; perform aircrew duties that contribute directly to aircrew operations, training and administration for the purposes of attaining and maintaining the squadron's aircrew qualifications and certifications; handle ordnance; train in electronic intelligence and analysis; and are knowledgeable with security protocols.

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Radar and Sonar Technicians	55-3017.00	Military Specific

Skills	Abilities
Operation and Control	*Memorization*
Critical Thinking	*Written Expression*
Coordination	*Deductive Reasoning*
Complex Problem Solving	*Information Ordering*
Judgment and Decision Making	*Inductive Reasoning*
Writing	*Mathematical Reasoning*
Speaking	*Written Comprehension*
Active Listening	*Visualization*
Management of Material Resources	*Oral Expression*
Science	*Perceptual Speed*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Implement aircrew course curriculum changes
E4	CORE	Maintain aircrew flight databases
E5	CORE	Maintain tactical publication library
E6	CORE	Prepare flight hour reports
E4	CORE	Prepare flight schedules
E4	CORE	Update flight time log books
E4	CORE	Verify individual flight time summaries

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Analyze threat data
E4	CORE	Classify visual contacts
E4	CORE	Communicate using visual signals
E4	CORE	Conduct aircraft fueling operations
E4	CORE	Conduct Battle Hit Assessments (BHA)
E4	CORE	Conduct ground bomb bay door operations
E4	CORE	Conduct passenger safety briefs
E4	CORE	Conduct pre-flight checks

E4	CORE	Conduct visual searches
E4	CORE	Configure aircraft equipment for rescue missions
E4	CORE	Configure aircraft for internal cargo operations
E4	CORE	Identify pyrotechnic communications
E4	CORE	Inspect small arms
E4	CORE	Inspect survival equipment
E4	CORE	Monitor engine start ups
E4	CORE	Monitor weapons employment
E4	CORE	Operate communications equipment
E4	CORE	Perform aerial hand-held photography
E4	CORE	Perform aircraft emergency procedures
E4	CORE	Perform aircraft ground handling operations
E4	CORE	Perform aircraft integrity inspections
E4	CORE	Perform aircraft post-flight duties
E4	CORE	Perform Auxiliary Power Unit (APU) operations
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR) and first aid
E4	CORE	Perform drug interdiction searches
E4	CORE	Perform in-flight observer duties
E4	CORE	Perform Intercommunication Systems (ICS) communications
E4	CORE	Perform mission planning
E4	CORE	Perform Search And Rescue (SAR) procedures
E4	NON-CORE	Prepare aircraft for static displays
E4	CORE	Prepare aircrew mission briefs
E4	CORE	Prepare mission summary logs
E4	CORE	Review aircraft records
E4	CORE	Safeguard classified materials
E4	CORE	Troubleshoot tactical systems

AIRCREW TRAINING

Paygrade	**Task Type**	**Task Statements**
E5	NON-CORE	Analyze emerging technology to meet fleet training requirements
E6	NON-CORE	Conduct fleet acquisition program briefs
E5	NON-CORE	Conduct land survival training
E5	NON-CORE	Conduct tactical flight and ground training
E6	NON-CORE	Coordinate weapons system designs with contract engineers
E5	NON-CORE	Develop tactical exams
E5	NON-CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical Weapons System Trainer (WST) scenarios
E5	NON-CORE	Evaluate aircrew training programs
E5	NON-CORE	Evaluate tactical equipment programs
E7	NON-CORE	Manage Aircrew Combat Training Continuum (ACTC)
E5	CORE	Manage aircrew training materials

E5	CORE	Manage Crew Resource Management (CRM) program
E5	CORE	Manage Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E7	NON-CORE	Manage tactics evaluation programs
E5	CORE	Operate Weapons Systems Trainer (WST)
E5	NON-CORE	Perform individual and crew tactical evaluations
E4	CORE	Prepare monthly training and operation reports

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Interpret naval messages
E4	CORE	Perform on-station mission turnovers/swap procedures
E4	CORE	Report contacts
E4	CORE	Review card of the day
E4	CORE	Translate brevity codes

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Determine sensor effectiveness in given environmental conditions
E4	CORE	Perform environmental calculations
E4	CORE	Perform on-station environmental updates

OPERATIONS AND LOGISTICS MANAGEMENT

Paygrade	Task Type	Task Statements
E4	CORE	Conduct logistical operations
E6	CORE	Coordinate airlift support
E4	CORE	Maintain squadron navigational publications
E6	CORE	Manage flight operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E6	NON-CORE	Prepare country clearance requests

ORDNANCE/STORES

Paygrade	Task Type	Task Statements
E4	CORE	Conduct sonobouy drops
E4	CORE	Deploy ordnance
E4	CORE	Inspect ordnance
E4	CORE	Load aircraft ordnance and weapons
E6	CORE	Manage ordnance inventories
E6	CORE	Track ordnance expenditures

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Electronic Support Measures (ESM) contacts
E4	CORE	Analyze Magnetic Anomaly Detection (MAD) contacts
E4	CORE	Analyze mission tactical plots during on-station period
E4	CORE	Analyze radar contact data
E4	CORE	Analyze Synthetic Aperture Radar (SAR) contact information
E4	CORE	Classify Electronic Support Measures (ESM) contact information
E4	CORE	Classify Electro-Optics and Infrared (EO/IR) contact information
E4	CORE	Classify Inverse Synthetic-Aperture Radar (ISAR) contact information
E4	CORE	Classify Magnetic Anomaly Detection (MAD) contact data
E4	CORE	Collect Specific Emitter Identification (SEI) and Java Specific Emitter Identification (JSEI) data
E4	CORE	Conduct Electronic Support Measures (ESM) searches
E4	CORE	Conduct Electro-Optical and Infrared (EO/IR) surveillance
E4	CORE	Conduct Identification Friend or Foe (IFF) and Selective Identification Feature (SIF) interrogations
E4	CORE	Conduct tactical airborne radar operations
E4	CORE	Correlate Electronic Support Measures (ESM) contact information
E4	CORE	Determine non-target data
E4	CORE	Monitor in-flight aircraft stand-offs
E4	CORE	Optimize sensor effectiveness
E4	CORE	Perform in-flight imagery analysis
E4	CORE	Perform in-flight mission equipment operational checks
E4	CORE	Perform Magnetic Anomaly Detection (MAD) compensations
E4	CORE	Perform off-line radar operations
E4	CORE	Perform terrain avoidance radar navigation
E4	CORE	Perform weather avoidance radar navigation
E4	CORE	Track Target of Interest (TOI)
E4	CORE	Verify attack criteria for recommended weapons release

TACTICAL OPERATIONS CENTER (TOC)/MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

Paygrade	Task Type	Task Statements
E4	CORE	Monitor radio communications
E5	CORE	Prepare tactical lessons learned
E4	CORE	Program Electronic Warfare Support (ES) libraries

TARGET MOTION ANALYSIS AND TACTICAL CALCULATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Calculate Magnetic Anomaly Detection (MAD) contact course, speed, and depth
E4	CORE	Calculate predicted transmission path ranges
E4	CORE	Calculate visual search altitudes
E4	CORE	Compute radar contact intercepts

E4	CORE	Define Area Of Probability (AOP)
E4	CORE	Determine Target Of Interest (TOI) datum
E4	CORE	Perform Electronic Warfare (EW) calculations
E4	CORE	Perform Target Motion Analysis (TMA) calculations

Job Title **Job Code**

Tactical/Mobile Tactical Operations Center Analyst 002671

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Military Specific	TBD	TAC/MOB TAC OPS CTR ANLYST	NAC TAC-MOB AN

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWO	NEC 7835

Job Description

Tactical/Mobile Tactical Operations Center Analysts are members of an integrated, tactical, and logistics worldwide intelligence network at Tactical Centers, Tactical Operations Centers (TOC), and Mobile Tactical Operations Centers (MTOCs); coordinate divisions administrative functions; manage resources; lead TOC/MTOC personnel in preparing aircrews and operational commands for tactical missions (Watch Supervisor); have a thorough knowledge of acoustic and/or electronic intelligence and analysis, message formatting, and the tactical employment of sensors for mission planning; coordinate logistics for safety of flight, communications (Ultra High Frequency/High Frequency (UHF/HF) radios, Data-link, and satellite), and perform post mission analysis and reconstruction; coordinate and disseminate environmental data (oceanographic, electromagnetic propagation, and weather), target analysis, and sensor data to appropriate agencies and provide feedback to aircrews; and must have a thorough understanding of classified handling protocols and procedures.

DoD Relationship

Group Title	*DoD Code*
Sonar Operator, General	121000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Command and Control Center Specialists	55-3015.00	Military Specific

Skills	Abilities
Operation and Control	*Information Ordering*
Critical Thinking	*Memorization*
Coordination	*Written Comprehension*
Speaking	*Written Expression*
Writing	*Mathematical Reasoning*
Mathematics	*Spatial Orientation*
Science	*Oral Comprehension*
Judgment and Decision Making	*Perceptual Speed*
Reading Comprehension	*Deductive Reasoning*
Active Listening	*Number Facility*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	CORE	Maintain tactical publication library

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Analyze threat data
E4	CORE	Classify visual contacts
E4	CORE	Conduct Battle Hit Assessments (BHA)
E4	CORE	Inspect small arms
E4	CORE	Operate communications equipment
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR) and first aid
E4	CORE	Perform mission planning
E4	CORE	Prepare aircrew mission briefs
E4	CORE	Prepare mission summary logs
E4	CORE	Safeguard classified materials
E5	CORE	Update mission summary logs

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E5	NON-CORE	Coordinate warfare training exercises
E6	NON-CORE	Coordinate weapons system designs with contract engineers
E5	NON-CORE	Evaluate tactical equipment programs

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Interpret naval messages
E4	CORE	Report contacts
E4	CORE	Review card of the day
E4	CORE	Translate brevity codes

ENVIRONMENTAL

Paygrade	Task Type	Task Statements
E4	CORE	Analyze environmental data
E4	CORE	Analyze meteorological and oceanographic conditions
E4	CORE	Determine sensor effectiveness in given environmental conditions

OPERATIONS AND LOGISTICS MANAGEMENT

Paygrade	Task Type	Task Statements
E6	CORE	Coordinate airlift support

SENSOR SYSTEMS

Paygrade	Task Type	Task Statements
E4	CORE	Analyze Electronic Support Measures (ESM) contacts
E4	CORE	Analyze Magnetic Anomaly Detection (MAD) contacts
E4	CORE	Analyze passive, active, and multi-static acoustic contact data
E4	CORE	Analyze radar contact data
E4	CORE	Analyze Synthetic Aperture Radar (SAR) contact information
E4	CORE	Classify Electronic Support Measures (ESM) contact information
E4	CORE	Classify Electro-Optics and Infrared (EO/IR) contact information
E4	CORE	Classify Inverse Synthetic-Aperture Radar (ISAR) contact information
E4	CORE	Classify Magnetic Anomaly Detection (MAD) contact data
E4	CORE	Classify passive, active, and multi-static acoustic contact data
E4	CORE	Determine active sonobouy localization and track depths
E4	CORE	Determine non-target data

TACTICAL OPERATIONS CENTER (TOC)/MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

Paygrade	Task Type	Task Statements
E5	CORE	Analyze tactical missions data/Post Mission Analysis (PMA)
E5	CORE	Conduct mission briefs and debriefs
E5	CORE	Conduct watch team positional training
E5	NON-CORE	Coordinate operations with tactical watch officers
E7	CORE	Coordinate Search And Rescue (SAR) missions

E6	CORE	Coordinate tactical exercises and missions
E5	CORE	Create Acoustic Intelligence (ACINT) packages
E5	CORE	Evaluate mission radar data
E5	CORE	Issue mission equipment
E4	CORE	Monitor radio communications
E5	CORE	Operate analysis equipment
E5	CORE	Organize Search And Rescue (SAR) and Combat Search And Rescue (CSAR) operations
E5	NON-CORE	Perform Mobile Tactical Operations Center (MTOC) loadmaster responsibilities
E5	CORE	Perform Secure Internet Protocol Router Network (SIPRNET) chat operations
E5	NON-CORE	Plot Position of Intended Movement (PIM) tracks
E5	NON-CORE	Plot tactical symbologies
E5	NON-CORE	Plot water space management areas
E5	CORE	Prepare post-flight naval messages
E5	CORE	Prepare tactical lessons learned
E4	CORE	Program Electronic Warfare Support (ES) libraries
E5	CORE	Setup communication antenna fields
E5	CORE	Setup tactical stations
E5	CORE	Update tactical databases

TARGET MOTION ANALYSIS AND TACTICAL CALCULATIONS

Paygrade	**Task Type**	**Task Statements**
E4	CORE	Calculate active and passive ranges
E4	CORE	Calculate Figure Of Merit (FOM)
E4	CORE	Calculate Magnetic Anomaly Detection (MAD) contact course, speed, and depth
E4	CORE	Calculate predicted transmission path ranges
E4	CORE	Define Area Of Probability (AOP)
E4	CORE	Determine Target Of Interest (TOI) datum
E4	CORE	Identify contact's Closest Point of Approach (CPA)
E4	CORE	Perform Target Motion Analysis (TMA) calculations

Job Title **Job Code**

Aircrew Readiness Manager (Operator) 002742

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Transportation and Material Moving	TBD	ACREW READINESS MGR OPERATOR	ARM (OPERATOR)

Pay Plan	Career Field	Other Relationships and Rules
ENLISTED	AWO	Not Applicable

Job Description

Aircrew Readiness Managers (Operator) are crucial and integral members of staffs, operational commands, and squadrons; coordinate the operational, administrative, and aircrew scheduling functions for the organization; administer and manage training programs and resources for naval aircrew; manage standardization of aircrew training programs; coordinate aircrew training to meet the rigorous demands of operational commitments worldwide; administer and direct the Naval Air Training and Operating Procedures Standardization (NATOPS) and Search and Rescue (SAR) programs; administer and direct tactics, training and readiness, ordnance and weapons, and aircrew training; analyze training resource requirements; review and approve contract options for new training devices and programs; develop and revise curriculum; incorporate and initiate new aircrew training programs; manage student quotas, qualifications, and certifications; and coordinate aircrew physical fitness and health program initiatives.

DoD Relationship

Group Title	*DoD Code*
Air Crew, General	105000

O*NET Relationship

Occupation Title	*SOC Code*	*Job Family*
Airfield Operations Specialists	53-2022.00	Transportation and Material Moving

Skills	Abilities
Critical Thinking	*Written Expression*
Complex Problem Solving	*Information Ordering*
Coordination	*Inductive Reasoning*
Learning Strategies	*Memorization*
Operation and Control	*Written Comprehension*
Writing	*Oral Comprehension*
Management of Material Resources	*Deductive Reasoning*
Active Listening	*Fluency of Ideas*
Instructing	*Originality*
Management of Personnel Resources	*Spatial Orientation*

AIRCREW ADMINISTRATION

Paygrade	Task Type	Task Statements
E7	CORE	Conduct flight order audit boards
E5	NON-CORE	Implement aircrew course curriculum changes
E4	CORE	Maintain aircrew flight databases
E6	CORE	Prepare flight hour reports
E4	CORE	Update flight time log books

AIRCREW DUTIES

Paygrade	Task Type	Task Statements
E4	CORE	Perform Cardio-Pulmonary Resuscitation (CPR) and first aid
E4	CORE	Safeguard classified materials

AIRCREW TRAINING

Paygrade	Task Type	Task Statements
E7	CORE	Analyze monthly training and operation reports
E5	NON-CORE	Coordinate warfare training exercises
E7	CORE	Develop aircrew training plans
E5	NON-CORE	Develop tactical exams

E5	NON-CORE	Develop tactical proficiency programs
E5	NON-CORE	Develop tactical Weapons System Trainer (WST) scenarios
E5	NON-CORE	Evaluate aircrew training programs
E5	CORE	Manage aircrew training materials
E7	CORE	Manage aircrew training programs
E5	CORE	Manage Crew Resource Management (CRM) program
E5	CORE	Manage Naval Air Training and Operating Procedures Standardization (NATOPS) programs
E7	NON-CORE	Manage tactics evaluation programs
E7	CORE	Monitor Fleet Replacement Squadron (FRS) student production
E7	NON-CORE	Verify training and readiness matrices

COMMUNICATIONS

Paygrade	Task Type	Task Statements
E4	CORE	Interpret naval messages

OPERATIONS AND LOGISTICS MANAGEMENT

Paygrade	Task Type	Task Statements
E7	CORE	Conduct detachment site surveys
E7	CORE	Coordinate aircraft assignments with maintenance control
E6	CORE	Coordinate airlift support
E7	CORE	Coordinate logistical operations
E7	CORE	Coordinate long and short range aircraft availability plans
E7	CORE	Manage aircrew assignments
E6	CORE	Manage flight operations
E7	NON-CORE	Manage Operational Target (OPTAR) budgets
E7	CORE	Manage temporary flight orders
E7	NON-CORE	Match aircrew to mission detachment requirements
E6	NON-CORE	Prepare country clearance requests

TACTICAL OPERATIONS CENTER (TOC)/MOBILE TACTICAL OPERATIONS CENTERS (MTOC)

Paygrade	Task Type	Task Statements
E7	NON-CORE	Coordinate Naval Special Warfare (NSW) operations
E7	CORE	Coordinate Search And Rescue (SAR) missions
E6	CORE	Coordinate tactical exercises and missions
E7	CORE	Manage coordinated operation assets
E7	CORE	Manage mission systems
E5	CORE	Organize Search And Rescue (SAR) and Combat Search And Rescue (CSAR) operations
E5	CORE	Prepare tactical lessons learned